

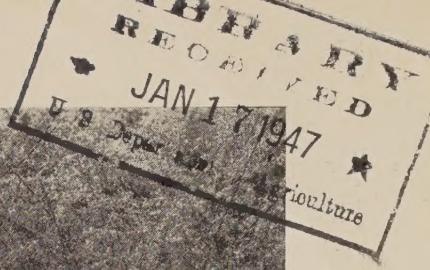
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



62.04

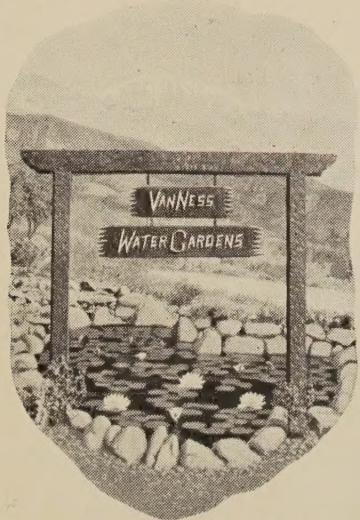
1947



Display Pool Featuring Lotus and Tropical Lilies

VAN NESS WATER GARDENS

Upland, California



Library,
U. S. Department of Agriculture
Washington 23-
D.C.

UPLAND, CALIF.
Return Postage Guaranteed



Greetings

It is a pleasure to send you this list of our Water Plants. We are trying to do our share in helping with the problems of today, by making this Catalogue as simple as possible and still give our customers adequate information regarding the building and planting a pool.

After going over our list and prices we hope you will find just what you are looking for.

Assuring you that we shall always endeavor to give the very best in both plants and service, we are, Very sincerely,

R. E. and EDITH VAN NESS

HARDY LILIES

The Hardy lilies are among the easiest grown of any flower. After planting they need no attention except to keep the water level right and break off dead leaves. They grow in a wonderful array of colors and shapes and are a constant joy to all who grow them.

We have the choicest of the varieties which we are offering at very attractive prices.

ALL HARDY LILIES ARE AT LEAST 2 YEARS OLD WHEN SHIPPED, ASSURING BLOOM THE FIRST YEAR.

YELLOW

Sunrise. This magnificent lily with its canary yellow blossoms is an excellent bloomer and much admired by all who see it. **\$2.50.**

Chromatella. Bright yellow blossoms with curving petals. A good bloomer... **\$1.50.**

Moorei. A new lily from Australia, deeper in color than Chromatella. **\$3.00.**

Pygmae Helvola. This lily has small yellow flowers; is well adapted to Tub Garden culture. **.75c.**

Mexicana. The wild lily of Mexico. Blooms only in the spring. **.35c.**

WHITE

Gonnere. The finest of all white lilies; the blossoms average 80 petals to the blossom. **\$2.50.**

Marliac Albida. Large, dazzling blossoms with yellow stamens. **\$1.50.**

Gladstone. A fine lily of robust growth, cup shaped and very large. **\$1.50.**

Hermine. A dainty little star shaped white lily. **\$1.50.**

White Laydeker. A very pretty dwarf lily with a tea fragrance. **\$1.50.**

Virginalis. The purest white of all water lilies. A splendid bloomer over a long season. **\$5.00.**

Albatross. A snow white lily with many petals. One of the largest of the white varieties. **\$2.00.**

SUNSET VARIETIES

Comanche. An old favorite. Brilliant orange-red; the color deepens with age, becoming a warm red. **\$2.00.**

Paul Hariot. This lily is most pleasing, as the first day of opening the petals are a soft, yellowish pink, becoming darker each day to almost a deep red. **\$1.50.**

Indiana. A free growing variety, bearing beautiful copper-yellow flowers, tinged with pink. **\$1.50.**

Chrysantha. A fine variety for the Tub Garden. Flowers a soft yellow deepening with age. **\$1.50.**

Seignoureti. One of the finest, freest blooming lilies grown. Has bright orange-yellow blossoms. **\$2.50.**

Aurora. A very changeable colored lily. Does not grow large. **\$1.25.**

PINK (Odorata)

Rose Arey. The blossoms are a cerise pink; very sweet scented. **\$1.50.**

Venusta. The flowers are a very good size, with spicy fragrance. **\$1.50.**

Pink Opal. A rich, deep pink lily; flower cup shaped. **\$1.00.**

Eugene de Land. A charming, sweet scented variety. with shell pink petals. **\$1.50.**

Pink Glory. A beautiful, new pink lily. Very waxy in appearance and proclaimed the most beautiful of all the shell pink Hardy lilies. **\$3.00.**

Glorie du Temple-sur Lot. A very double lily, resembling a dahlia in form. Soft shell pink. **\$3.00.**

Odalesque. An intensely fragrant, deep cerise lily. **\$1.50.**

Fire Crest. A flame colored lily, blooming early in the spring. **\$1.50.**

OTHER PINK VARIETIES

Rene Gerard. The flowers of this variety often reach the enormous size of 10 inches and are a deep rose in color **\$2.00.**

Splendida. A strawberry pink, blooming the entire season. **\$1.50.**

Formosa. One of the best, blooming the entire season. Bright pink. **\$2.00.**

Wilfron Gonnere. Very double pink lily, resembling White Gonnere in size and shape. **\$2.00.**

Mme. Chifflot. A mammoth, star shaped lily, with soft pink petals and yellow stamens. **\$2.00.**

Amabilis. These bright pink lilies are hard to describe for beauty... **\$2.00.**

Marliac Carnea. A soft pink, with blossoms of good lasting quality. **\$1.50.**

Massanello. The flowers of this variety are very fragrant. The flowers a deep rose. **\$1.25.**

Esmaralda. A French variety. The flowers are variegated, rose, pink and white. **\$2.00.**

Mary Patricia. The daintiest, deep peach blossom pink lily imaginable. Good for a Tub Garden. **\$1.50.**

Rosy Morn. A beautiful rosette pink lily, with a true Water lily fragrance. A free bloomer. **\$2.00.**

Mrs. Richmond. Very large flowers of deep rose, with lilac tints. **\$3.00.**

Neptune. The velvety blossoms are a shaded pink. **\$1.50.**

RED

Conqueror. The immense flowers are a deep crimson, shaded toward the ends of petals to a deep pink. A good bloomer. **\$2.00.**

Escarboucle. One of the most brilliant lilies; also one of the best. **\$2.50.**

Gloriosa. All its name implies. One of the choicest of them all. **\$2.50.**

Marliac Red. Flowers are a deep carmine red, with cardinal stamens. **\$2.00.**

James Bryden. The color is a rich, rosy crimson, has a silvery sheen. **\$2.00.**

Attraction. This lily is truly an attraction to any pool, a garnet red, the sepals white, stamens a rich mahogany. **\$2.50.**

Newton. Very large star shaped flowers, almost vermilion. **\$2.00.**

William Falconer. The darkest red of all water lilies, being a velvety black-red. **\$2.50.**

Sirius. The leaves of this variety are red, spotted with brown. Flowers a huge dark red. **\$2.25.**

Vesuve. A dark red lily, blooming very profusely, **\$2.50.**

Picciola. A dark crimson variety, standing above the water. **\$2.00.**

James Hudson. An exceptionally good, new variety. Petals of rich red with mauve reflections. **\$2.00.**

Sultan. A large, cherry red lily, the outer petals being a light rose. **\$2.00.**

Arethusia. Deep, dark red blossoms; almost as dark as William Falconer. **\$2.00.**

TROPICAL LILIES

If you are a real Water Garden enthusiast you will surely want some of these marvelous plants. Flowers the size of dinner plates, with a perfume so spicy as to permeate the whole yard. Only in the Tropicals can you obtain the exquisite blue and purple shades.

WE DO NOT SHIP TROPICALS UNTIL THE WEATHER HAS BECOME PERMANENTLY WARM, as early shipments are almost sure to go dormant. A safe date is after June 1st.

We can furnish the 2 year old plants in the Pennsylvania, August Koch and Panama Pacific. These have the bulb attached and are less apt to go dormant than the young, greenhouse stock.

Pennsylvania. (2 year plants.) A magnificent variety with rich blue flowers that are often 10 and 12 inches across. The flowers have a spicy fragrance that no other Tropical has. **\$3.00.**

Panama Pacific. (2 year plants.) Flowers a rich purple, the yellow stamens making a striking contrast. **\$2.50.**

August Koch. (2 year plants.) The fragrant blossoms are of good size and a deep blue in color, the sepals a rich orchid shade. **\$2.50.**

Mrs. Edward Whitaker. This lily is the largest in the day blooming class, having been known to measure 14 inches across. The flowers are a lavender-blue. **\$2.50.**

Col. Lindberg. This lily is enormous, with wide petals of deep blue. **\$2.50.**

Chicago. A clear pink lily, with quantities of large blossoms, having as many as 8 blossoms at one time. **\$2.50.**

General Pershing. This lily is undoubtedly the finest of the pink day blooming Tropics. A deep orchid pink, with pink stamens. **\$2.75.**

Independence. A splendid day blooming Tropical. Blossoms rose colored with deep rose stamens. **\$2.00.**

Francis B. Griffith. The darkest purple of all water lilies. Is much admired for its rich coloring. **\$2.50.**

Zanzabar Purple. Rich purple flowers. Stamens numerous, very fragrant. **\$2.00.**

Mrs. George Pring. Immense white flowers, opening early and staying open until late in the afternoon. **\$2.00.**

Golden West. This beautiful new, peach-pink lily is an excellent bloomer and a splendid addition to the Tropical lily family. **\$2.50.**

NIGHT BLOOMING TROPICALS

The aristocrat of the Water Garden. The blossoms begin to unfold when the sun goes down and during the early morning hours are the most beautiful flower in the garden; often staying open until noon. Very satisfactory for the working man and woman who would not see the open blossom of the day blooming varieties.

SHIPPING TIME SAME AS FOR THE DAY BLOOMERS.

ROSE

Frank Trelease. Deep rose color; one of the best bloomers. **\$2.00.**

Mrs. Geo. Hitchcock. This large, rose-pink flower is such a wonderful bloomer it cannot help giving satisfaction. **\$2.00.**

RED

Geo. Huster. A brilliant variety with large blossoms. Leaves bronzy-red. **\$2.00.**

H. C. Haarstick. A very choice variety with large blossoms, vivid-red. **\$2.00.**

PINK

O'Marana. Rosy pink flowers with white stripe; very large. **\$2.00.**

Mrs. Emily Hutchings. Beautiful pink blossoms with curved petals. **\$2.00.**

WHITE

Juno. Immense, pure white blossoms, opening very wide. **\$2.00.**

Missouri. The finest white variety, the earliest to bloom, and very dependable. **\$2.00.**

LOTUS

Lotus is hardy and may be grown almost anywhere in the U. S., blooming better the second year after planting. The bulbs look like peeled bananas, the crown being at the long end of the bulb. The crown should be placed up, with the bulb horizontal. Great care should be taken not to break the crown off, as that renders the bulb useless. Cover with 2 inches of soil, leaving growing point just out of soil. Cover with six inches of water until growth begins, when depth may be increased if necessary. Lotus should not be planted until weather is warm enough for growth to begin at once. We can ship until June 1st.

Red Lotus. Mammoth double blossoms of American beauty shade; not a deep red. **\$3.50.**

Nelumbium Speciosum. (Pink) Egyptian sacred Lotus. An excellent variety possessing a strange, haunting fragrance. **\$2.00.**

Album Striatum. A striking variation of the Japanese Lotus. Flowers very large and fragrant. The white petals are tipped, edged and faintly striped with rosy carnation. **\$3.00.**

Nelumbium Flavens. A splendid variety with large, cream colored flowers. **\$1.50.**

Lotus Seed Pods. These are used in many ways for decorations, winter bouquets, etc. Resembling a wasp's nest, they are indeed a novelty. **Dozen, 50c.**

STAR LILIES

These lilies are of the Tropical family, but hardier. They are shipped as tubers, and in planting be sure to plant the fuzzy end up. Keep away from the Hardy lilies as they will not begin to grow until warm weather and if shaded will not grow. They put on an immense growth in a short time and will bloom abundantly.

Blue Star. A clear blue with blossoms standing high above the water. **\$1.50.**

Pink Star (Stella Gurney). A soft pink blossom, splendid bloomer. **\$1.50.**

Rose Star. A deeper shade of pink, but of same shape. **\$1.50.**

Red Star. (Mrs. Ward). The deepest red of the tropical varieties. **\$2.25.**

ALL FOUR VARIETIES \$6.00

WATER PLANTS FOR THE SMALL GARDEN

These plants may be used in dishpans, tubs and half barrels, as well as adding beauty to the larger pool.

Water Snowflake. A dainty little plant with flowers about an inch across and having five petals resembling a snowflake. **25c.**

Floating Heart. Has bright yellow, fringed flowers of medium size and leaves like a Pygmae lily. **25c.**

Water Poppy. An old favorite, with blossoms like a California poppy. Each plant throws out runners bearing blossoms all summer. **2 for 25c.**

Primrose creeper. A trailing plant with bright, glossy leaves and blossoms like a primrose. **3 for 25c.**

Water Hawthorne. Snowy white flowers with the fragrance of the Hawthorne. Does well either in sun or shade. **.40c.**

Azule Hyacinth. A trailing variety. Flowers a rich blue, with yellow eye. **.35c, 3 for \$1.00.**

Water Hyacinth. Flowers a delicate orchid, in trusses like a Hyacinth. Does best in partial shade. Good spawning bed for fish. **2 for 25c.**

Water Lettuce. This is like Water Hyacinth in habit, but more rare and delicate. Grows best in semi-shade and prefers a moist atmosphere, so should be sprinkled at times. **2 for 25c.**

VAN NESS' WATER LILY FERTILIZER

A very concentrated fertilizer especially good for water lily culture, which we ship with orders for water lilies.
Enough for Tub Garden.....
50c
3-lb. bag, enough for four lilies.....
\$1.00

COMPLETE YOUR POOL WITH THESE PLANTS

Under this heading we list such plants as grow in water but send up leaves above the surface. These add to the beauty of the pool, being used as centerpieces and for corners. Many of these have beautiful blossoms and all have attractive foliage. THESE DO BEST IF PLANTED IN WATER FROM 2 TO 4 INCHES DEEP. Plant in box and raise to within a few inches of surface.

Saggiteria (latifolia). Leaves are broad with long, basal lobes. Flowers, pure white, about an inch in diameter. 25c.

Azure Pickerel Plant. (pondeteria). This plant grows from 2 to 6 feet tall. Each heart shaped leaf has a spike of Delphinium blue flowers coming from the base. 35c.

Water Plaintain. Almond shaped leaves, borne about 3 feet above the surface of the water. Clusters of flowers resembling Baby's breath. 25c.

Double Arrowhead. Leaves arrow shaped. Plant bears large spikes of pure white, double flowers. 35c.

Japanese Arrowhead. Similar to the above, but with single flowers. 25c.

Papyrus (Egyptian paper plant). Stalks triangular and attain a height of 6 to 8 feet, having a tuft of thread-like leaves a foot in diameter. Does equally well in 2 inches of water or very wet soil. 40c.

Water Arum. A hardy aquatic with leaves shaped like Calla lily. 25c.

Umbrella Palm. A beautiful plant, growing about 2 feet tall. Has slender stems with tufts of leaves spreading out, umbrella shaped. 20c.

Giant Umbrella Palm. Similar to above but growing about 6 feet tall. 25c.

Water Chestnut. Grows freely in shallow water. Has dull, quill like leaves. 25c.

Yellow Iris. One of the necessary plants for your pool, the foliage making an artistic touch in the center, or corners of pool. Has tall spikes of yellow blossoms. 25c.

Iris Dorothy K. Williamson. Glowing, royal purple flowers. 25c.

Iris versicolor. Similar to above except in color, being a clear blue. 25c.

Iris purpurae. A water Iris such a deep blue as to be almost purple. 25c.

Pickerel rush. Spikes of deep blue borne in center of heart shaped leaves... 25c.

Water Canna. (Thalia dealbata). A tall, graceful plant with leaves similar to canna, leaves almost maroon at base. Flowers on tall, arching stems, purple with silver dust. 40c.

Equisetum. The most attractive of the rushes. Shows distinct joints, is strong growing, not breaking so easily as most of the rushes. 35c.

Primrose Willow. A beautiful, tall plant, with flowers like a Primrose and leaves like a willow. 25c.

Imperial Taro. The finest of the Taros.. The leaves are almost a velvety black. Makes an excellent centerpiece for the pool. 50c.

Violet Stemmed Taro. Leaves beautiful blue-green. The stems and veins beneath the leaves are a lovely lavender. 75c.

Elephant Ear. Large green leaves often growing 6 feet tall. 40c.

Water Forget-me-not. This will grow in any place that is kept moist. Blooms freely and good for cut flowers. 15c.

Cat tail. A handsome water plant with rich brown "cat-tails." 25c.

IRIS

Japanese Iris. These Iris are at their best during July. Are exquisite in their pleasing shades, varying from light, cool colors to rich dark ones. Do well in the pool, planted just so the roots are in the water. Assorted colors, 50c; \$5.00 per dozen.

PLANTS FOR YOUR FISH

These very useful plants help to keep your pool in balance. A few bunches among the lilies are indispensable for the health of your fish.

Vallisneria. Long, ribbon-like leaves. Pretty in Aquarium. 20c bunch.

Anacharis. Graceful long stems. Necessary for health of fish. 20c bunch.

Myriophyllum. Fine hair like leaves. Good spawning bed. 20c bunch.

Parrots feather. A favorite aquatic, for Aquariums and Fountain basins. 20c bunch.

Ludwigia. Very decorative. When kept in strong light, under side of leaves becomes bright red. 20c bunch.

Cabomba. A useful plant for Aquarium. Very ornamental. 20c bunch.

Saggiteria (sinensis). Splendid plant for Aquarium. 2 for 25c.

Azolla. Useful in clearing up a pool, also good for fish. 20c portion.

SCAVENGERS FOR POOL

Water Snails are necessary for the pool, helping to clean up Algae forming on edges of pool. A few pair will soon stock your pool.

Japanese trap doors. The hardest and largest of all snails. They are live bearing and we are careful in selecting them in pairs. Pair 25c.

Rams horn snails. A long lived snail and especially good in cleaning up green scum in pools. Dozen 40c.

Red Rams horn snails. Very showy in Aquariums. 10c each.

FISH FOOD

We have properly balanced fish food which has all the ingredients necessary for keeping your fish in good health. They should only be fed twice a week as the most of the ills of fish are caused by over feeding. Fish food, pint 25c.

Fish. We have a good assortment of healthy goldfish that may be purchased at our gardens at very reasonable prices. However, we do not ship fish.

POOL SIDE PLANTS

Torch lily (Tritoma). Tall spikes of brilliant red flowers. One of the showiest of this group. 25c.

Day lily. Bright yellow, blooming in the spring. Foliage green the year round. 25c.

Lopezia (Mosquito bush). A pretty little trailing Mexican plant with fine, bronze leaves and small pink blossoms in great profusion. Flowers shaped like a mosquito. Should have plenty of sun. 25c.

Mullen Pink (Lychnis cerenaria). A perennial which is most satisfactory, needing only good drainage and little water. A glow of cerise-pink blossoms in the spring. Foliage grey-green. 15c.

Fountain Grass (Pennisetum ruppeli). Narrow, graceful blades. Grows in clump to height of two feet. Feathery plumes, shaded with red. One of the finest poolside plants. 35c.

Phalaris (arundinacea varigata). Ribbon grass. Excellent for borders. Height 12 inches. 25c.

Carex (morrowi). Leaves flat, striped and grass like. Six inches tall. 25c.

Zephyranthus (candida). Narrow leaves about 12 inches long. Blooming late spring and through the summer. White. 6 for 25c.

Zephyranthus (carinata). Flat, narrow leaves, flowers about 3 inches long, lily shaped; deep pink. 3 for 25c.

Moraea iridoides. Belongs to the Iris family and blooms from early spring until late fall. Large white flowers with crests marked in blue. 25c.

Iris

Iris is especially adapted to the poolside, seeming to belong there; when not in bloom the foliage is very attractive. We have several choice varieties, among them the following are listed:

Baldwin (H. P. Sass). One of the best of the dark blue-purples that belong in every collection. A huge manganese violet self with an electric sheen in the falls. 40 inches. **25c.**

Buto (H. P. Sass). A rich dark blue purple bicolor with velvety, nearly black falls. A good bloomer. **25c.**

Balroudour. Standards, soft bluish violet. Falls, deep alive buff, with olive-yellow blotch at end of beard. **25c.**

Blackmoor (Jacob Sass). Almost black when newly opened, lightening to blackish violet. A free bloomer of great size. **50c.**

Challenger (Jacob Sass). S. Dark purple. Falls, dark blackish violet with white beard, tipped with orange. A favorite wherever seen. **25c.**

Cretone. Standards blue. Falls, rich purple. One of the older varieties that is still popular. **10c; 3 for 25c.**

Gray Cloud. Blend of blue, gray, red, green and brown. Of the dwarf variety. **35c.**

Jumbo (Jacob Sass). An enormous bicolor with blue-violet standards and dark red-violet falls. Vivid yellow beard. Height 36 inches... **25c.**

Kochi. Deep, rich purple, the buds being nearly black. Blooms very early and sometimes the second time in a season. **10c; 3 for 25c.**

Knysna. Deep bronze standards and reddish brown falls. **15c; 2 for 25c.**

Loreley. Standards bright yellow. Falls, reddish blue. Very showy. 24 inches. **15c; 2 for 25c.**

Lohengrin. Lavender blue. Standards pale. Falls edged in deep blue in perfect "blanket stitch." **25c.**

Matilda (Jacob Sass). The bluest of all plicatas and a flower of beautiful pattern and coloring. White ground with a striping of bluish violet. 30 inches tall. **15c; 2 for 25c.**

Midgard (H. P. Sass). The best known and most popular pink and yellow blend. Both standards and falls yellow with a flush of clear pink. 30 inches. **25c.**

Midwest (H. P. Sass). Heavily ruffled large flowers, with a dotting of rose on a white ground. **15c; 2 for 25c.**

Mme. Cherri. One of the finest blended tones, being an orchid pink with a yellow undertone. At a distance the effect is a decided pink. **15c; 2 for 25c.**

Nebraske (H. P. Sass). The latest yellow Iris to bloom. One of the richest yellows. Standards ruffled apricot yellow, falls same color, with brown veinings. Requires good drainage, **25c.**

Nymph (H. P. Sass). An intermediate of empire yellow that is an amazingly free bloomer. One of the finest of the early yellows. **15c; 2 for 25c.**

Neola (Jacob Sass). A new departure in color in the dwarf bearded Iris. A beautiful brown toned blend. Standards vivid violet. Falls deep brown. Pale yellow beard. Medium flowers on 19 inch stems. **25c.**

Pink Opal. Tallest of the lavender pinks. In clump plantings it represents a solid mass of color as the blooms tend to bunch near the top. Blooms large. 48 inches. **35c; 3 for 75c.**

Peaches. A blend of peach, apricot and orange, **35c.**

Purple Haze (H. P. Sass). A large French gray self of medium height and of unusual tone. **15c; 2 for 25c.**

Queen Caterina. A superb variety growing 3 feet in height. Flowers a pale lavender blue. Splendid for fall planting. **25c.**

Spokane (Jacob Sass). A giant reddish-brown blend. Standards overlaid reddish-brown. Falls ox-blood red. A very rich Iris. **\$1.00.**

Wambliska (Jacob Sass). The largest, tallest and finest of the blue-white Irises. Snowy white standards with a blue tint in the heart of the flower. Clear snow-white falls. 38 to 45 inches. **25c.**

Wacunda (H. P. Sass). A much admired big red-purple self of deep tone. Makes a most effective garden group of deep red effect. **25c.**

Yolande. Falls, velvety pansy blue, black veins. Very beautifully formed flowers of heavy substance. Excellent for mass effect. **25c.**

Ephyllium

Epyphyllums may be grown out of doors where the temperature does not go below 28°. They also make good pot plants and bloom without much trouble.

A good soil mixture is made of equal parts of good garden soil, leaf mould and well rotted cow manure. Keep moist as you would Ferns.

The Epyphyllums we are offering are well rooted cuttings.

Epyphyllum Oxypetatum. (Queen of the Night). This marvelous plant bears blossoms measuring from 8 to 10 inches across. Blooms from June to September. Well rooted cuttings **50c.**

E. Ackermanii. Bright red petals, cascades of white stamens. **25c.**

E. Ackermanii 2. Similar to above except flowers are much larger and deeper red. **30c.**

E. Empress. Masses of shell pink blossoms cover plant and last for days. **40c.**

E. Wayrii. Immense white blossoms. Vigorous grower. **75c.**

E. Dantd. A vigorous variety. Flowers large, light orange-red. **50c.**

E. Conway giant. A vigorous plant with crimson tips on new growth. Blossoms extremely large, outer petals deep crimson, inner petals shaded with purple. **50c.**

E. Hermosissimus. Blossoms are 9 inches across and distinctly striped with crimson, orange and violet. **50c.**

E. Latonia. Flowers a deep cerise-pink or flame color. **50c.**

Build Your Own Pool

LOCATION. The pool should be exposed to full sun and should not be built too close to such trees as Pepper, Walnut or Fig, as the leaves, having a strong acid content, falling into the pool will injure the fish.

Lilies cannot be expected to bloom unless the sun shines into the heart of them at least part of the day.

After deciding on location of pool, a very easy way to plan size and shape is to use the garden hose, tracing on the ground the exact plan you desire. We suggest that you make your pool as large as your space will permit, as there are so many water plants you will want room for.

For the front yard the formal pool will best fill the requirements of good design, but for the back yard the informal pool works out beautifully with a rock garden.

An informal pool is much easier and less expensive to build than a formal one, as it can be built without forms. For an informal pool, after deciding on size and shape, dig out soil to depth of 2 feet and level off. Shave side walls as near perpendicular as possible, as walls which slope are that much wasted space in your pool, and gather Algae making pool unsightly. Tamp walls and floor and reinforce with heavy fencing wire, covering walls and floor.

The concrete should be poured continuously, so there will be no joints, and as it is poured the reinforcing should be pulled up to the center of concrete, thus making pool stronger and less apt to crack.

In building a formal pool, by excavating carefully to the exact shape and size of the pool and carefully trimming the edges there will be no necessity for an outside form. Allow about 6 inches space for wall and build inside form. The walls should be reinforced, and after it is poured, allow it to harden until the next day. Remove forms and pour bottom of the pool. Finish as directed below.

Cement. The proper mixture of cement is one shovel of cement to five of sand. Dry mix well, then add enough water to make a rather stiff mixture. In cold climates, where heavy freezing may be expected, the concrete should be 6 inches thick; in mild climates 3 inches is ample.

As concrete is poured, it should be well tamped to take out the porous places and insure yourself of a water tight pool. Allow cement to become thoroughly set, then apply a thin coat of 1 part cement and 3 parts sand which has been screened. When this is hardened apply a coat of pure WATERPROOF cement.

Be sure to keep moist as cement hardens, spraying with a very fine spray from hose, at intervals, as the slower cement hardens the stronger it becomes.

After it is thoroughly set it may be filled with water, filling very slowly. Allow water to stand in pool for a week to soak out the alkali; drain off and when dry, sweep thoroughly and the pool is ready for planting.

Culture of Water Lilies

Water lilies are among the easiest flowers to grow. About the only attention they need after planting is to watch the water level and break off dead leaves. No constant watering to think of, or worry about when planning a vacation. Just leave a drip in your pool and go away for a month, knowing that when you return you will find everything in perfect condition.

SOIL AND FERTILIZER. Any good garden soil will do for Water Lilies. The best fertilizer is WELL ROTTED DAIRY. Be sure it is well rotted or it will ferment and rot the lily pads and muddy the pool.

Should you be unable to obtain well rotted manure, we can furnish a very satisfactory fertilizer, very concentrated so that $\frac{1}{2}$ pound is sufficient for one lily box, or in spreading over entire pool $\frac{1}{2}$ pound is sufficient for each wheelbarrow of soil. When using dairy fertilizer, place on bottom of pool or box to depth of 4 inches, then cover with 6 or 8 inches of soil according to depth of pool. Cover with 1 inch of clean sand.

In large pool, if desiring to plant in boxes, the boxes should be 2 x 2 feet square and 1 foot deep if possible. Lilies will grow with 4 inches of water over crown, but do much better with at least 8 inches. Do not use redwood as the acid is not good for the fish. Use pine which will last for years in water.

PLANTING. Hardy lilies should be planted HORIZONTALLY and with the crown well out of the soil. Tropical lilies should be planted upright and at the same depth as before being shipped as growing plants. Be careful that leaves of Tropicals do not become dry or they may not recover. See illustration for planting on page 14.

LOTUS tubers should be planted HORIZONTALLY, care being taken to not break the crown off. A space should be bricked off for Lotus, as they crowd other plants out if allowed to grow freely in pool.

In wild planting, to fill the pool for the first time, it is best to sprinkle the soil with a fine spray from the hose after lilies are set, then lay burlap sack down and place hose in this and fill very slowly; this does not disturb the planting and you will have a clear pool.

A pool 4 x 6 feet will accommodate 3 or 4 lilies and several water plants. When receiving water plants do not allow them to become dry before planting; place in tub of

water or cover with a wet sack until planted.

Do not plant Tropic lilies in fresh water. Fill pool a few days before planting and allow water to become warm.

PLANTING TIME. Hardy lilies may be planted at any time in mild climates. In California they begin to grow early in January and we can ship at any time suited to your locality and you should be the judge as to when you should have them started growing. Tropical lilies should not be planted until an average temperature of 70° is maintained. Early planting only leads to disappointment. A good time to plant is after June 1st in all except the Southern States, where they may safely be planted around May 1st.

WINTER CARE. Hardy lilies may safely be wintered over in the pool, provided the roots do not freeze. In extreme cold climates cover with boards and give an extra covering of straw. Should it seem advisable to lift the lilies before cold weather arrives, they may be stored in a cool cellar, being careful that they do not dry out, as dry rot will be sure to attack them and they will be lost.

SPRING CLEANING. Early in the spring, before the lilies begin to grow, all debris should be cleaned out of the pool. It is not necessary to remove the soil or drain the pool oftener than two years.

All cleaning and re-planting should be done early in the spring or fishspawn will be destroyed.

INSECT ENEMIES. Water lilies are practically free from pests, Aphid being the most troublesome. This may be controlled by spraying with the hose early in the morning, then the fish will eat them. The main thing is to begin spraying at the first sign of Aphid.

MUDGY POOLS. The water in a new pool often becomes discolored. This will clear up in a short time if a quantity of oxygenating plants are used, such as Anacharis, Myriophyllum and Parrots-feather. Place a hose or drip in the pool which will help overcome this condition. Do not change the water, as that will not help. Have a good supply of snails in pool to help clean up Algae and keep the water pure.

MOSQUITOS: There will be no trouble with mosquitos if you have a dozen fish for each 6 feet of pool. They very effectively keep out mosquito larvoe.

COLLECTIONS

TUB GARDEN COLLECTION

No. 1

Paul Hariot. Water lily.
4 water grasses.
1 pair Trap-door snails.
\$2.00
Prepaid

No. 2

Gloriosa. Water lily.
Water Hyacinth.
2 water grasses.
1 pair Trap-door snails.
\$3.00
Prepaid

TROPICAL TUB GARDEN

Panama Pacific lily.
Primrose willow.
4 grasses.
Snails.
Postpaid.....**\$3.00**

SAN ANTONIO HEIGHTS SPECIAL

Rose Arey (cerise pink).
Gladstone (white).
Paul Hariot (sunset).
\$4.00
Postpaid

VAN NESS SPECIAL

Sunrise (yellow).
Robinsonii (red).
Carena (shell pink).
\$5.00
Postpaid

TROPICAL LILY COLLECTION

August Koch (lavender blue).
Marmarata (blue).
Mrs. Ward (rose).
Stella Gurney (pink).
Mrs. Pring (white).
O'Marana (pink night bloomer).
Juno (white night bloomer).
Mars (white night bloomer).

This Collection will not be shipped until June 1st
as they are all of the Tropical variety. **\$12.50**
Postpaid

PATRIOTIC COLLECTION

Gonnere (white hardy).
Gloriosa (red hardy).
Blue Star.
\$5.00
Postpaid

How We Ship Lilies

We ship Parcel Post except on large orders, which are shipped by Express. We guarantee safe arrival of all plants shipped.

We also guarantee our plants to be true to name and to be delivered to you in good condition. All complaints should be made within ten days after plants are received. Our climate permits us to dig lilies for very early shipment, thus assuring purchaser of blossoms at least six weeks earlier than from colder climates. We can ship at any date suited to your locality.

We grow our own plants, and our ideal climate causes the lily bulbs to be stored with bloom and makes them hardier than anywhere else in the United States. Our lilies are full of buds early in February.

In case we are sold out on lilies ordered, with your permission we will substitute with a similar variety.

P. O. Order or Bank Draft must accompany each order. Make payable to VAN NESS WATER GARDENS, R. D. 1, Upland, Calif. No orders sent C. O. D. unless 50% of value of order is enclosed. All orders are shipped postpaid.

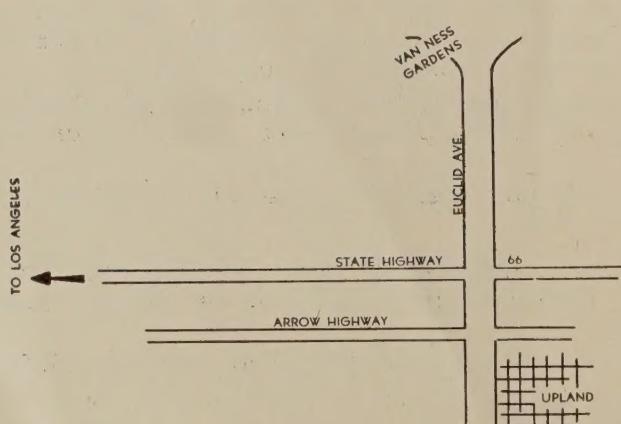
Because of the cost of packing and postage we cannot fill an order for less than \$1.00.

CALIFORNIA CUSTOMERS: Please add 2 1/2 % Sales Tax.

VAN NESS WATER GARDENS, Upland, California



Greenhouses and Propagating Bed for Tropic Lilies



HOW TO GET TO OUR GARDENS

Coming on National Highway No. 66, turn north on beautiful Euclid Ave. (double drive). Take west drive at 24th St. (note curve). Follow drive past Community Church. First stop. Visitors welcome.